

**CHESAPEAKE BAY WATERSHED
&
HORSESHOE CRABS WORKSHOP
October 18th, 2004
Assateague State Park Headquarters**



- 10:00** Volunteers arrive at Park Headquarters
'Who Polluted the River?' Make and Take
- 10:15** Overview of the Day
- 10:20** Chesapeake Bay Watershed 101
by Matthew Chasse, Watershed Stewardship, MD-DNR
Overview of how a watershed works using the Chesapeake Bay as the model. Exercises will help participants learn to define a watershed, stream orders, and how people have impacted the Chesapeake Bay watershed.
- 11:00** Video of 'Chesapeake Bay Watershed 1800- 1995'
Watch a short video on the impacts of development and population on the watershed since 1800's.
- 11:15** Review of TEAM DNR Chesapeake Bay 101 classroom program
by Matthew Chasse, Watershed Services, MD-DNR
Do a hands-on review and practice of the classroom program. Each participant plays the role of students in the program's activities.
- 12:00** Lunch & Finish Make and Take
- 12:30** Horseshoe Crabs, "A living fossil"
by Matthew Chasse, Watershed Stewardship, MD-DNR
Participants receive a detailed description of the Horseshoe Crab. *Limulus polyphemus*, its life history, current management and special features. Learn about the historical uses of this marine invertebrate and what makes the blood so special. Live specimens will be used.
- 1:15** Review of TEAM DNR 'Horseshoe Crabs' classroom program
by Matthew Chasse, Watershed Services, MD-DNR
Do a hands-on review and practice of the classroom program. Each participant plays the role of students in the program's activities.
- 2:00** Workshop Ends
- 2:05** Nature Hike on Assateague Island.

Volunteers should be prepared handle live horseshoe crabs, adult and juvenile. You should also bring bag lunches. For the nature hike bring binoculars, field guide, and a jacket for the nature hike.

Directions to Assateague State Park

From all points East and North

1. Take Route 50 towards Ocean City
2. Turn Right at Route 611
3. Follow to Assateague State Park. Look for State Park Headquarters on right before you reach the National Park Visitors Center.
4. We are in the large house structure behind the Headquarters building.